PRELIMINARY AGENDA: MISR Data Users Science Symposium
Arthur Amos Noyes Laboratory, Room 153
California Institute of Technology, Pasadena, CA

Thursday, December 9

Welcome

8:30 AM	Sign-in	All	30
9:00 AM	Welcome	Diner	15

Clouds

9:15 AM	Multi-sensor analysis of cloud-top height in Sc-Cu transition regions	Ludewig	20
9:35 AM	Interannual variability in MISR cloud top height compared to MODIS and CERES	Norris	20
9:55 AM	Inferring buoyancy and entrainment rate of convective plumes from A-Train data: a framework for proper interpretation of snapshot observations from LEOs	Luo	20
10:15 AM	Evaluation of low clouds in the NCAR CAM3 and GFDL AM2 using MISR joint histograms	Hillman	20
10:35 AM	Break	All	20
10:55 AM	The MISR Cloud Fraction by Altitude Product and the GEWEX Cloud Assessment	Zhao	20
11:15 AM	A global view of one-dimensional solar radiative transfer through oceanic water clouds	Di Girolamo	20
11:35 AM	First 3D cloud shape reconstructions based on MISR multi-angle/multi-pixel data and the principles of tomography	Davis	20
11:55 AM	Stereo observations for climate and weather research: From MISR to WindCam	Wu	20
12:15 PM	Lunch	All	90
1:45 PM	Detecting thin cirrus with oblique camera analysis	Prasad	20
2:05 PM	Determination of ice cloud models using MISR and MODIS measurements	Xie	20
2:25 PM	Discussion	All	20

Poster session I

2:45 PM	Poster viewing and break	All	75

Polarimetry

4:00 PM	All-sky atmospheric polarization imaging	Shaw	20
4:20 PM	Early results from GroundMSPI and AirMSPI	Diner	20
4:40 PM	A cloud over Arizona	Bradley	20
5:00 PM	Discussion	All	20
5:20 PM	Adjourn		

Social event

6:30 PM	Cocktails, dinner, and magic show at La Cañada Flintridge Country Club

Friday, December 10

Aerosols

9:00 AM	New stereo matching of aerosol smoke plumes	Muller	20
9:20 AM	The aerosol-air-mass-type-mapping imperative	Kahn	20
9:40 AM	Asian dust responses to ENSO from MISR, MODIS Deep Blue and OMI aerosol observations	Lee	20
10:00 AM	Analysis of MISR 10-year aerosol products in East Asia and the North Pacific in dust-laden conditions	Kalashnikova	20
10:20 AM	Break	All	20
10:40 AM	Comparison of the simulated aerosol vertical profiles by GEOS-Chem and CMAQ in the United States	Liu	20
11:00 AM	Effects of copper smelter modernization on air quality in Ilo, Peru as captured by MISR, MODIS and OMI	Kim	20
11:20 AM	High resolution aerosol retrievals with MISR	Yu	20
11:40 AM	3-D aerosol plume tomography from MISR observations	Garay	20
12:00 PM	Discussion	All	20
12:20 PM	Lunch	All	90

Surfaces

1:50 PM	A MISR-derived canopy adjustment for snow cover mapping	Nolin	20
2:10 PM	Intercomparison of land surface albedo at the global and regional scale	Muller	20
2:30 PM	Monitoring canopy nitrogen using multiangle and hyperspectral data	Knyazikhin	20
2:50 PM	Title TBD	Verstraete	20
3:10 PM	Discussion	All	20

Poster session II

3:30 PM	Poster viewing and break	All	60

Wrap-up

4:30 PM	Discussion	All	30
5:00 PM	Adjourn		

Posters

No.	Title	Lead author
1	MISR global aerosol assessment by comparison with AERONET	Gaitley
2	Testing MISR Aerosol Sensitivity Using Optimization	Hodos
3	Bodélé dust plume height/wind climatology derived from 10 years of MISR stereo data	Kalashnikova
4	Seasonal variability of heights and wind speeds of Bodélé dust plumes seen through 10 years of MISR data	Kassabian
5	Effect of absorptivity and size distribution on retrieved AOD from MISR	Kim
6	Multianglar observations of MISR cloud cover and its response to ENSO	Lee
7	MODIS Collection 6 aerosol products	Levy
8	Surface roughness of Greenland and the sensitivity of turbulent flux calculations	Nolin